

Figure 1. (a) I-V characteristics and schematics of diode (inlet), (b) effective schottky barrier height of ITO, Ni and schematics of electron conduction of (c) ITO, (d) Ni S/D



Figure 2. TEM analysis images and EDX mapping of (a) $AI_2O_3/SnO/ITO$ 6nm/Ni, (b) $AI_2O_3/SnO/ITO$ 10nm/Ni structure and (c) Transfer characteristics, (c) electrical properties compared to S/D metal